

*Welsh*

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Cardiff Rural District Council.

WELSH BOARD OF HEALTH  
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# ANNUAL REPORT

FOR THE YEAR

## 1937

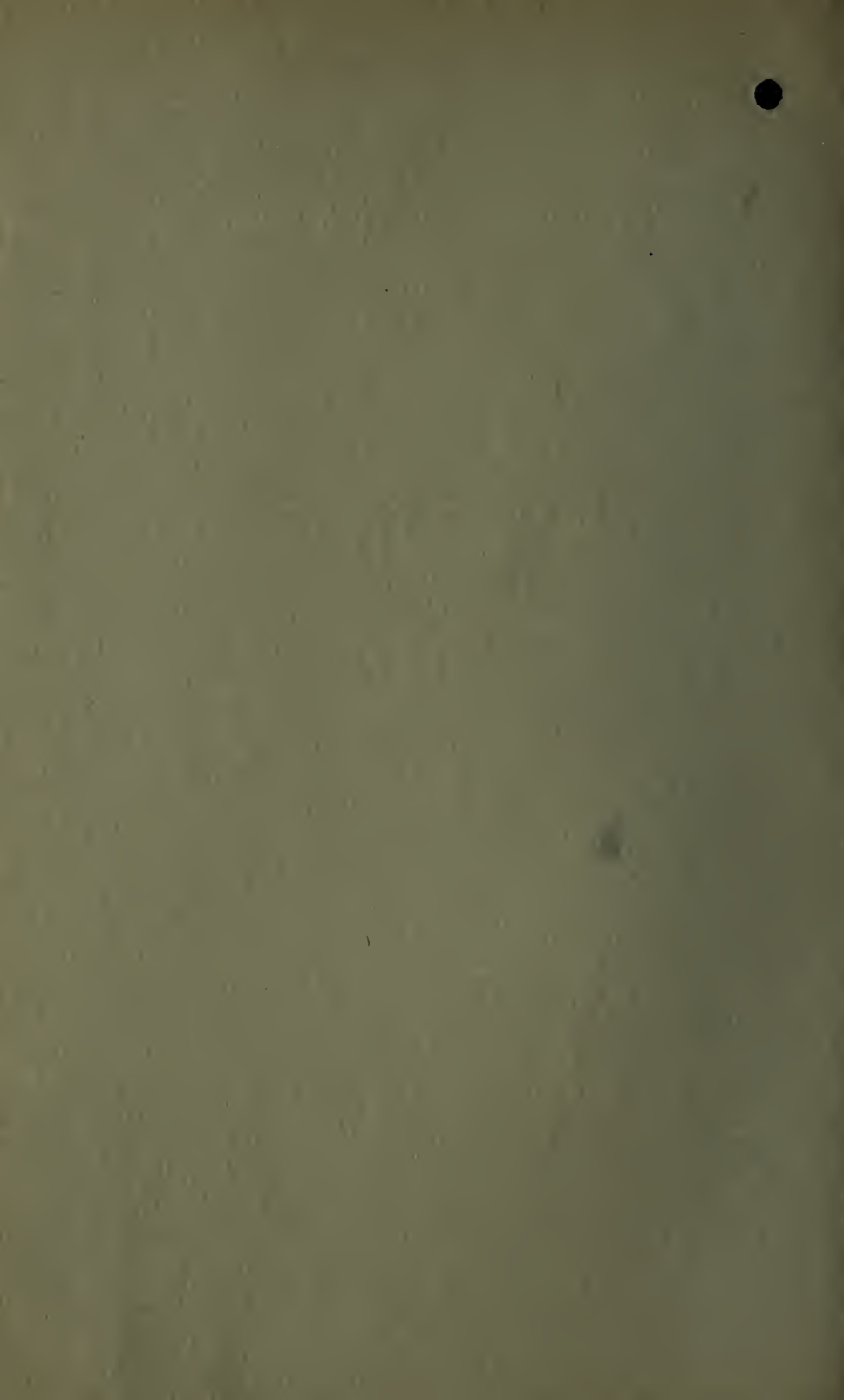
BY

G. McKIM THOMAS,

L.R.C.P., M.R.C.S., L.D.S. (Eng.), D.P.H. (Lond.),

*Medical Officer of Health.*

PRIORY PRESS LTD.,  
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Cardiff Rural District Council.

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# Public Health Officers, 1937.

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## *Medical Officer of Health:*

G. MCKIM THOMAS, L.R.C.P., M.R.C.S., L.D.S. (ENG.), D.P.H.  
(LOND.).

## *Superintendent, Health Visitor and Inspectress under the Children's Act:*

Nurse G. JAMES, CERT. C.M.B., H.V. and R.S.I.

Nurse E. G. ROONEY, CERT. C.M.B., H.V. and R.S.I.

## *Senior Sanitary Inspector:*

WM. LEWIS, A.R.S.I.      No. 1 District.

## *Sanitary Inspectors:*

EVAN JONES, A.R.S.I.    ...    No. 2 District.

G. I. HALL, A.R.S.I.    ...    No. 3 District.

## *Office Staff:*

Miss JOAN DYER.

---

## ELY ISOLATION HOSPITAL.

### *Matron:*

Miss EMILY L. EVANS.

# Cardiff Rural District Council.

*To the Chairman and Members of the Cardiff Rural District Council.*

GENTLEMEN,

I beg to submit for your consideration my Report for the year ended 31st December, 1937. The Report is drawn up in accordance with the instructions of the Ministry of Health as laid down in Circular 1561 (Wales).

Having been appointed your Medical Officer of Health, I took up my duties on January 19th, 1937, in succession to Dr. W. G. Williams, who had been acting Temporary Medical Officer of Health since the retirement of Dr. Richard Prichard.

I regret to recall the death of Dr. Prichard early in the year. He was appointed as Medical Officer of Health to the Cardiff Union Rural Sanitary Authority on 10th August, 1887. He retired on 31st March, 1935. During his long term in office many advances had been made in the field of Public Health work, and, on reading his reports, covering a period of nearly fifty years, one is able to see how over this period the various Public Health Acts have been brought into operation in your area.

It is of especial interest to note that in the year of his first report in 1887, the birth-rate was 35.6, and the death-rate 17.19, and the deaths of Infants under one year was 100.8, as compared with the respective figures for the year 1937—11.5, 11.2 (the "crude" figures being 11.1 and 10.8) and 57.

Dr. Prichard was very highly respected, both as a private practitioner and also as a Medical Officer of Health.

It is also with deep regret that I recall the death of Mr. Wm. Morgan, C.S.I., on December 30th, 1937. Mr. Morgan was appointed on 16th May, 1907, as Inspector of Nuisances for the No. 2 District (Dinas Powis). He retired on superannuation on March 31st, 1931, and since his retirement he had not enjoyed good health. He was regarded in high esteem by the Council and fellow officials, with whom he had worked for many years.

Mr. William Lewis, A.R.S.I., your Senior Sanitary Inspector, retired on superannuation on 31st December, 1937, having been appointed under the Llandaff and Dinas Powis Rural District Council in 1884. He had seen long and honoured service in the sphere of Public Health Administration, and had a thorough knowledge of all matters appertaining to his area. His kindly manner must have been of great assistance to him in his work,

# STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

## (i) *General Statistics:*

Area—acres	...	...	...	60,056
Estimated resident population, Mid 1937				
(Registrar General's estimate)	...			31,520
No. of inhabited houses	...	...	...	8,700
Rateable value of the District	...	...	...	£205,317
Sum represented by 1d. rate	...	...	...	£681

## (ii) *Social Conditions:*

The District is divided into parts which are urban in character, with a large portion strictly rural.

Farming is carried on to a large extent throughout the district, and the industries comprise two tin-works—the Melingriffith, at Whitchurch, and the Waterloo Tin Plate Works, Rudry, and several quarries and cement works.

## (iii) *Extracts from Vital Statistics for the Year:*

		Total.	M.	F.	
Live Births	{ Legitimate	340	173	167	Birth rate per thousand of estimated resident population
	{ Illegitimate	12	4	8	11.1
Still Births	{ Legitimate	18	8	10	Still-birth rate per thousand total
	{ Illegitimate	1	—	1	51.2
					(Live and still-births).
Deaths		341	177	164	Death rate per 1,000 of the estimated resident population
					10.8
Deaths from Puerperal Causes:					Rate per 1000, Total (Live and Still)
Puerperal sepsis	...	2	deaths		Births.
Other Puerperal causes	3	„			13.4
Total	...	5	„		

## Death-rate of Infants under one year of age:

All Infants, per 1,000 Live Births	...	...	56.8
Legitimate Infants, per 1,000 legitimate Live Births	...	...	52.9
Illegitimate Infants, per 1,000 illegitimate Live Births	...	...	166.6



	<i>Total.</i>	<i>M.</i>	<i>F.</i>
Deaths from Measles (all ages) ...	1	1	—
Deaths from Cancer (all ages) ...	36	16	20
Deaths from Whooping Cough (all ages)	—	—	—
Deaths from Diarrhoea (under 2 years)	—	—	—

TABLE I.

Infant Mortality Rates, 1937.

DISTRICT	Total No. of Births	Deaths under 1 year	Rate per Thousand Live Births
Administrative County -	10,942	714	65
Urban Districts - - -	8,336	549	66
Rural Districts - - -	2,606	165	63
England and Wales - -	—	—	58
URBAN DISTRICTS:			
Aberdare - - - -	605	44	73
Barry - - - -	495	29	59
Bridgend - - - -	159	11	69
Caerphilly - - - -	620	43	69
Cowbridge Borough - -	13	1	77
Gelligaer - - - -	675	26	38
Glyncorwg - - - -	196	13	66
Llchwyr - - - -	375	26	69
Maesteg - - - -	391	25	64
Mountain Ash - - - -	554	47	85
Neath Borough - - - -	470	27	57
Ogmore and Garw - - -	368	35	95
Penarth - - - -	200	16	80
Pontypridd - - - -	637	44	69
Porthcawl - - - -	74	3	40
Port Talbot - - - -	698	38	54
Rhondda - - - -	1,806	121	67
RURAL DISTRICTS:			
Cardiff - - - -	352	20	57
Cowbridge - - - -	159	10	63
Gower - - - -	141	7	50
Llantrisant and Llantwit Fardre -	418	29	69
Neath - - - -	643	41	64
Penybont - - - -	435	28	64
Pentardawe - - - -	458	30	65



TABLE II.  
BIRTHS.

The number of Births and the Birth-rate in the District for the past ten years is shewn in the following table:

<i>Year.</i>	<i>Births.</i>	<i>Birth-rate.</i>
1928 ...	398 ...	13.7
1929 ...	390 ...	13.6
1930 ...	410 ...	14.1
1931 ...	387 ...	13.87
1932 ...	403 ...	13.7
1933 ...	370 ...	12.65
1934 ...	351 ...	11.69
1935 ...	338 ...	11.11
1936 ...	390 ...	12.4
1937 ...	371 ...	11.1

TABLE III.

Causes of Infant Deaths at various ages during 1937.

DISEASE.	WEEKS..				Total 1st Month	MONTHS.				TOTAL
	1	2	3	4		1-3	3-6	6-9	9-12	
Premature ...	2	1	—	—	3	—	—	—	—	3
Pneumonia ...	—	—	—	—	—	3	1	1	—	5
Bronchitis ...	—	—	1	—	1	—	—	—	—	1
Convulsions ...	1	—	—	—	1	—	—	1	—	2
Inanitation ...	2	1	—	—	3	—	—	—	—	3
Spina Bifida ...	1	—	—	—	1	—	—	—	—	1
Pyloric Stenosis...	—	—	—	—	—	1	—	—	—	1
Asphyxia ...	1	—	—	—	1	—	—	—	—	1
Cerebro Spinal Fever ...	—	—	—	—	—	—	1	—	—	1
Icterus Neonatorum ...	2	—	—	—	2	—	—	—	—	2
Totals ...	9	2	1	—	12	4	2	2	—	20

TABLE IV.

BIRTH-RATES, DEATH-RATES, and ANALYSIS of MORTALITY } { England and Wales, 125 Great Towns, 148 Smaller  
in the year, 1937. Towns.

	RATE PER 1,000 POPULATION.		ANNUAL DEATH-RATE PER 1,000 POPULATION.								RATE PER 1,000 LIVE BIRTHS.		
	Live Births	Still Births	All Causes.	Typhoid and Paratyphoid Fevers.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea & Enteritis (under two years).	Total Deaths under One Year.
England and Wales .. ..	14.9	0.60	12.4	0.00	—	0.02	0.01	0.04	0.07	0.45	0.54	5.8	58
125 County Boroughs and Great Towns, including London.	14.9	0.67	12.5	0.01	—	0.03	0.01	0.04	0.08	0.39	0.45	7.9	62
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931).	15.3	0.64	11.9	0.00	—	0.02	0.01	0.03	0.05	0.42	0.42	3.2	55
London (Administrative County)	13.3	0.54	12.3	0.00	—	0.01	0.01	0.06	0.05	0.38	0.51	12.0	60
Cardiff Rural District—	11.1	0.60	10.8	0.00	—	0.03	0.03	0.00	0.03	0.41	0.41	0.0	56.8
"Crude" .. ..	11.5	0.62	11.2	0.00	—	0.03	0.03	0.00	0.03	0.42	0.42	0.0	59.0
"Comparable" .. ..													

\* "Comparable" means the "Crude" multiplied by 1.04

The following is a Table of the principal diseases and causes of death which were registered in the district during the year under review.

**TABLE V.**  
**Causes of Death in Cardiff Rural District, 1937.**

Causes of Death.							M.	F.	
All Causes	...	...	...	...	...	...	177	164	
Typhoid and paratyphoid fevers							—	—	
Measles							1	—	
Scarlet fever							—	1	
Whooping cough							—	—	
Diphtheria							—	1	
Influenza							4	9	
Encephalitis lethargica							—	—	
Cerebro-spinal fever							1	—	
Tuberculosis of respiratory system							12	4	
Other Tuberculosis diseases							2	—	
Syphilis							—	2	
General Paralysis of the insane, tabes dorsalis							2	—	
Cancer, malignant disease							16	26	
Diabetes							1	1	
Cerebral haemorrhage, etc.							2	4	
Heart disease							48	54	
Aneurysm							—	1	
Other circulatory diseases							15	12	
Bronchitis							6	2	
Pneumonia							16	5	
Other respiratory diseases							1	1	
Peptic ulcer							4	—	
Diarrhoea, etc. (under 2 years)							—	—	
Appendicitis							—	1	
Cirrhosis of liver							1	—	
Other diseases of liver, etc.							—	2	
Other digestive diseases							3	1	
Nephritis							6	7	
Puerperal sepsis							—	2	
Other puerperal causes							—	3	
Congenital debility, premature birth, malformations, etc.							4	8	
Senility							3	5	
Suicide							5	—	
Other violence							9	4	
Other defined diseases							15	14	
Causes ill-defined or unknown							—	—	
Special Causes (included in "other defined diseases" above)							—	—	
Small-pox							—	—	
Poliomyelitis							—	—	
Polioencephalitis							—	—	
Deaths of Infants under 1 year							Total	11	9
							Legitimate	11	7
							Illegitimate	—	2
Live Births							Total	177	175
							Legitimate	173	167
							Illegitimate	4	8
Stillbirths							Total	8	11
							Legitimate	8	10
							Illegitimate	—	1
Population (Estimated by the Registrar-General at Mid 1937)							...	31,520	

**TABLE VI.**  
*Particulars of the incidence of notifiable Diseases in the area during the year 1937.*

DISEASE.	Total Cases notified	AGE GROUPS.												Cases admitted to Hospital from the Council's area	Deaths of residents in the Council's area.
		Age not known	Under 1 year	1	2	3	4	5	10	15	20	35	45	65 and over	
Diphtheria	41	—	—	1	1	1	2	25	13	4	2	—	1	—	1
Scarlet Fever	49	2	—	1	4	4	5	42	25	11	5	—	—	—	1
Erysipelas	10	—	1	—	—	—	—	—	—	—	2	1	5	2	—
Puerperal Fever	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid (Enteric)	—	—	—	—	—	—	—	—	—	—	—	3	2	—	—
Pneumonia	11	2	—	1	—	—	—	2	1	—	—	—	—	—	—
Small pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro Spinal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	2	—	—	—	—	—	—	—	—	—	—	1	1	—	—
<b>TOTALS</b>	<b>174</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>69</b>	<b>39</b>	<b>15</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>2</b>	<b>2</b>

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### (a) Laboratory Facilities.

Arrangements are made with the Cardiff and County Public Health Laboratory for the examination and analysis of samples and specimens submitted to them for report. Payment of services rendered is in accordance with a scale of charges for work done.

Numerous samples of milk and water have been submitted for analysis, and also swabs, sent in from the Ely Isolation Hospital and by private practitioners, for the diagnosis of Tuberculosis, Diphtheria, Typhoid, etc.

#### *Examination of Pathological Specimens during the year 1937.*

Nature of Specimen.	No. of Specimens examined	Negative.	Positive.
Diphtheria ... ..	398	339	59
Tuberculosis ... ..	38	35	3
Enteric (faeces) ... ..	11	8	3
Enteric (blood) ... ..	3	2	1
Pus Organisms ... ..	1	—	1
Swab from Eye ... ..	1	—	1
Haemolytic streptococci ...	1	1	—
Totals ... ..	453	385	68

### (b) Ambulance Facilities.

There has been no change in the ambulance facilities in the area. You have your own motor ambulance for cases of infectious diseases, and no difficulty is experienced in obtaining ambulance services from local organisations, notably the Order of St. John of Jerusalem (Priory for Wales).

### (c) Nursing in the Homes.

The nursing of cases in their own homes is undertaken in various parts of your area by Local Nursing Associations, and a grant is made to these by the Glamorgan County Council.

(d) **Treatment Centres and Clinics.**

Cases of Tuberculosis or suspected Tuberculosis are referred to the Tuberculosis Officer of the district which is nearest to the patient's home.

Any cases of venereal disease are sent to the centre at Glossop Terrace, which is run in conjunction with the Cardiff Royal Infirmary.

**Dental Clinics.**—Provision is made for mothers and children who attend at the Infant Welfare Centres to receive Dental Treatment, under an arrangement with the Glamorgan County Council.

Dentures are also able to be supplied to cases of expectant mothers where necessary, and the importance of the mother receiving dental treatment in the Ante-Natal stage is stressed—mouths containing septic teeth are a frequent cause of ill-health, and it is particularly important that septic conditions should be removed, and, where necessary, dentures fitted before the baby is born.

32 mothers and 27 children have received dental treatment during the year.

(e) **Hospitals.**

You subscribe to the Cardiff Royal Infirmary, so that cases of accident or illness requiring hospital treatment can be treated. A number of cases have been referred from the Infant Welfare Centres, such as: Eye cases, requiring spectacles; Tonsils and Adenoids for operation; children requiring circumcision, etc.

**MATERNITY AND CHILD-WELFARE.**

Superintendent Health Visitor and Inspectress under the Children's Acts:—

*Centres:—*

Pentyrch Lower	} Nurse	St. Nicholas—	} Nurse
Pentyrch Upper		transferred to	
Rhiwbina		Peterston on	
Whitchurch		Sept. 3rd, 1937	
Tongwynlais		Dinas Powis	
		Rhoose	
		Wenvoe	

During the year the Maternity and Child-Welfare services have come under review.

The premises in several instances were inadequately provided for the proper holding of clinic sessions. All that was available in some instances was one room, which was used for a waiting-room, and a partially screened off portion as a consulting-room; the noise and lack of privacy made the working conditions almost impossible.

In other instances the premises were dirty and most uninviting, and the consulting-room was cold. It should be one of our first duties to inculcate habits of cleanliness.



As a result of my report in this direction, a move was made in order to try and improve these premises, or to acquire new ones. Also, there was no provision at any of the Centres for Ante-Natal work, and it was very desirable that this service should be provided. My report recommended that new clinic premises were needed at Whitchurch, and that if a central situation were selected, the whole of the work for Whitchurch and Rhiwbina could be conducted there, with the consequent closure of the Rhiwbina Centre. The Tongwynlais Centre, at the Village Hall, was quite satisfactory for the Infant Clinic sessions.

At Gwaelodygarth, the premises in use were very unsatisfactory, and consequently the clinic was transferred to Bethlehem Chapel. This meant that the mothers from Morganstown would have farther to come, and so they were encouraged to attend the Centre at Tongwynlais. There is a small number of children in the area, and therefore, a poor attendance at the clinic.

The Pentyrch clinic premises were not very satisfactory, as only one room was available, and the consulting-room was formed by means of a screen. The central position is, however, an advantage, and for the present I think that we shall have to be content.

At Wenvoe, the clinic premises were satisfactory, except for the absence of heating in the consulting-room: this has been remedied by the provision of an electric fire.

The conditions at the St. Nicholas clinic were bad, and it was considered that as at Peterston-super-Ely there was suitable accommodation, it would be advisable to move the Centre there. Unfortunately, owing to the scattered nature of the district, and the small number of children for clinic attendance, the results of the change have been disappointing. The clinic here was held once a month only.

The clinic at Dinas Powis was held in the Manual Centre of the School, and conditions were very unsatisfactory for clinic purposes. It was recommended that a centre for Infant Welfare and Ante-Natal work be established at Dinas Powis, and enquiries have been set afoot with a view to attaining this end.

The Rhoose clinic was held in the Church Hall at Rhoose, and the conditions there were very unsatisfactory. A suitable bungalow was acquired, and the Welsh Board of Health inspected it and approved of the accommodation available. This clinic should be started early next year.

### **APPOINTMENT OF OBSTETRIC SPECIALISTS.**

The need for the provision of Obstetric Specialists was felt to be required, and, as a result, Professor Gilbert Strachan, Dr. Maliphant and Dr. Arwyn Evans were appointed as Consultants. The services of these Consultants were to be made available to the practitioners throughout our district in cases of emergency and difficult confinement occurring in necessitous cases. Also they were appointed to be called in, if necessary, to cases of Puerperal Sepsis occurring at the Isolation Hospital.



Again, in view of the fact of the anticipation of developing the Ante-Natal services throughout the area, it was felt desirable to have these Specialists available, to whom difficult and complicated cases attending our Ante-Natal clinic could be referred for consultation.

### NATIONAL BIRTHDAY TRUST FUND.

Throughout the year we have received each month, for our eight Infant-Welfare Centres, six packets of Ostermilk, six of Marmite, and six of Ovaltine, for distribution in the last ten weeks of pregnancy and the first three weeks following confinement. The foods are only to be issued during these periods, as the object of the issue of this Birthday Trust food is so that statistics can be arrived at, to see whether there is an improvement in the Maternal Death-rate and complications of pregnancy as a result of the issue of these foods.

Records are being kept of the issue of the food to all cases, and a report is submitted to the Joint Council of Midwifery every half-year, giving the results of the cases in our area to whom the food has been issued.

### PROVISION OF MILK AND SUPPLEMENTARY ARTICLES OF FOOD.

In order to regularise the issue of milk and supplementary articles of food, such as Virol, Virolax, Cod Liver Oil and Malt, Roboleine, etc., to necessitous cases attending the Infant Welfare Centres, a scale of family income was drawn up, which is as follows:—

No. in Family (excluding son/daughter over 21, and Lodgers).	Allowance.	Per head.
	£ s. d.	s. d.
1	0 17 0	17 0
2	1 2 0	11 0
3	1 7 0	9 0
4	1 12 0	8 0
5	1 17 0	7 5
6	2 2 0	7 0
7	2 7 0	6 8½
8	2 12 0	6 6
9	2 17 0	6 4
10	3 2 0	6 2½

12/- plus 5/- for each person.

Plus 5/- for each child over School age and under 21.

## WEIGHING MACHINES AT INFANT WELFARE CENTRES.

Complaints were received from time to time that the weights recorded at the Clinics were not the same as those which had been given elsewhere, and consequently it was thought desirable that the Scales should be checked periodically.

This is now being carried out each quarter in all Centres, by the makers of the machines, who also attend to the service of the machines for an annual premium.

## MIDWIVES ACT, 1936.

The Act required the local supervising authorities to formulate a scheme for establishing a salaried midwifery service, and to submit it to the Minister of Health not later than January 30th, 1937, and to bring the scheme into operation by the 30th July, 1937.

The County Council was the local supervising authority under the Midwives Act, except in the Rhondda and Aberdare Urban Councils, partial delegation having been given to these authorities in 1918.

The Cardiff Rural District Council having appointed a full-time Medical Officer of Health, were anxious to become the local supervising authority, as it was felt that the services could be provided and closer co-operation maintained between the ante-natal clinics (which were to be started), the Midwives and the Infant clinics, than could be provided by the Glamorgan County Council. The feeling was very strong that there should be no break in the continuity of the services rendered by the District Council.

The Rural Council approached the Welsh Board of Health with a view of obtaining powers to be the local supervising authority. Although strong arguments were laid before the Welsh Board of Health, the application was not acceded to. Subsequently, a deputation, consisting of other authorities from Glamorgan, whose object was the same as ours, was received by the Welsh Board of Health. In due course a reply was received, stating that our application could not be granted.

As a result, our area is served by the County scheme, who provide:

- 4 Whole-time Midwives;
- 6 Part-time Midwives.

The Midwives are stationed in the following areas:—Whitchurch, Rhiwbina, Morganstown, Dinas Powis.

In the case of the part-time Midwives, who also act as District Nurses in their respective areas, a grant is paid by the County to the Glamorgan Nursing Association, who supply these district nurses at St. Fagans, Peterston-super-Ely, Rhoose, Aberthaw, Pentyrch, Wenvoe and Sully.

How the scheme develops remains to be seen, but it is hoped that a higher and better standard of midwifery is on the horizon, and also that the maternal mortality figures, which for many years have been about the same, will shew some decrease. If this should be so, then we can be satisfied that, from a preventative medicine point of view, one of the most disturbing factors has been removed.

## **INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.**

Cases of difficult confinement or complications of pregnancy are usually sent to the City Lodge Hospital, in the City of Cardiff, as are also cases where the home conditions have made it undesirable for the confinement to take place at the patient's home.

Cases of a medical or surgical nature occurring in those attending the clinics who require hospital treatment, are referred to the Cardiff Royal Infirmary, under an arrangement made by the Council.

## **HEALTH VISITORS.**

Your Health Visitors attend at the Infant clinics on the respective days. Nurse James has four clinics one week, and three another. Nurse Rooney has two clinics each week, and in the third week of the one month one clinic.

With the advent of Ante-Natal clinics the nurses' time will be taken up somewhat more, and also with a more intensive following-up of Tuberculosis cases, and again the increased amount of clerical work in filling in the visit report, cards, etc. The amount of re-visiting done is not all that could be desired, and it will be necessary for me, at a later date, to report again on this matter.

## **INFANT-LIFE PROTECTION.**

Your Health Visitors act under Part 7 of the Children's Act, 1932. There were two cases in your area where nursing and maintenance was undertaken for reward. The home circumstances are satisfactory, and the children have been well looked after. Periodical visits to the homes have been made.

## **ORTHOPAEDIC CASES.**

Cases of an orthopaedic nature which require the advice of an Orthopaedic Specialist, or which have required treatment in hospital, have been seen at the various clinics, and where slight deformities, such as flat feet, slight degree of knock-knee, have been noted, instructions have been given for the shoes to be altered, and the cases have been kept under observation. A number of these cases have been attended to, and, if taken early, readily respond to treatment.

# RETURN MADE TO THE MINISTRY OF HEALTH.

(Welsh Board of Health).

For the Year 1937.

## MATERNITY AND CHILD WELFARE.

### *Health Visiting:*

Number of visits paid during the year by all Health Visitors—

(a) To expectant mothers	...	First Visits	...	77
		Total Visits	...	286
(b) To children under 1 year of age	...	First Visits	...	345
		Total Visits	...	1,624
(c) To children between the ages of 1 and 5 years	...	Total Visits	...	2,075

### *Infant Welfare Centres:*

(a) Number of Centres provided and maintained by the Council	...	...	...	9
(b) Number of Centres provided and maintained by Voluntary Associations	...	...	...	Nil
(c) Total number of attendances at all Centres during the year—				
(i) By children under 1 year of age	...	...	...	2,893
(ii) By children between the ages of 1 and 5 years	...	...	...	4,204
(d) Total number of children who attended at the Centres at the end of the year who were—				
(i) Under 1 year of age	...	...	...	224
(ii) Between the ages of 1 and 5 years	...	...	...	95
(e) Total number of children in attendance at the Centres at the end of the year who were				
(i) Under 1 year of age	...	...	...	161
(ii) Between the ages of 1 and 5 years	...	...	...	504
Number of Women sent by the Council during the year to Maternity Institutions	...	...	...	8
Number of Children sent by the Council to Institutions for treatment	...	...	...	22

## SANITARY CIRCUMSTANCES OF THE AREA.

### WATER.

Water supply schemes have been completed in the following parishes during the year:—

Pendoylan.  
St. Georges-super-Ely.  
Peterston-super-Ely.  
Rhydygwern and  
Tywnyrodyn, Wallston and  
Highlight in the parish of Wenvoe.

The scheme of water supply for the Parishes of Bonvilston, St. Nicholas, Llancarfan, Llanvythin and Llantrithyd is now in course of construction.

A scheme for the improvement of the water supply to Radyr will be commenced during 1938.

The following analyses of water were carried out during the year—9 chemical and 11 bacteriological samples being taken.

The following samples proved unsatisfactory:—

#### Llancadle Well.

Certain work was carried out to prevent possible contamination from surface water, but such works did not have the desired effect. The Council then passed a resolution restricting the use of the water to purposes other than for drinking.

#### The Farms, Penmark.

A private supply from a well. The Wenvoe Estate, upon being advised of the result of the analysis, laid water from the public mains.

#### Llancarfan Well.

The water from this public well is suitable for purposes other than drinking only. Owing to the public mains now being laid in this area, no action has been taken in respect of this supply.

#### Blackton Farm Well.

A private supply. Work to improve the quality of the water is now being carried out.

#### Cwmleyshon Cottages, Rudry.

An improvement was effected at the three cottages by the provision of a storage tank and a piped supply to a tap used in common by the occupiers.



I am obliged to Mr. Neil J. Peters, M.Inst.C.E., Water Engineer, Cardiff, for supplying me with the records of local

### RAINFALL DURING YEAR 1937.

MONTH.	LOCAL SECTION.				
	Rhiwbina Filters. — Elevation 336 feet.	Lisvane Reservoir. — Elevation 150 feet.	Llanishen Reservoir. — Elevation 155 feet.	Heath Filters. — Elevation 132 feet.	Cogan Pumping Station. — Elevation 121 feet.
January	6.09	4.50	4.87	4.92	5.18
February	7.87	5.80	6.20	6.89	6.95
March	4.63	3.33	3.65	4.17	3.76
April	4.03	3.38	3.63	4.02	4.39
May	2.48	2.23	2.37	2.47	2.51
June	1.41	1.25	1.26	1.10	1.20
July	3.25	3.43	3.45	3.51	3.15
August	0.59	0.31	0.37	0.37	0.72
September	2.33	1.76	1.89	1.68	2.05
October	4.04	3.93	4.03	4.55	4.42
November	2.81	2.52	2.58	2.49	2.21
December	3.29	2.39	2.49	2.55	1.90
TOTALS	42.82	34.83	36.79	38.72	38.44
Averages	50.19	37.75	39.72	41.81	38.35
Maximum	65.12 1924	61.53 1882	52.59 1924	56.27 1924	57.78 1882
Minimum	34.60	22.50	25.01	26.83	22.60
No. of years	17 yrs.	57 yrs.	50 yrs.	51 yrs.	57 yrs.

**DRAINAGE AND SEWERAGE.**

The following works have been carried out during the year:—

Extension of Sewer, PARISH OF LISVANE.

Drainage of Houses, VISHWELL ROAD, WENVOE.

The Council have under consideration schemes for dealing with the sewerage in Van Parish (Porset Row, Rudry Road, and neighbouring houses). Sewering of Sully Road, in the Parish of St. Andrews, is also under consideration. Schemes are prepared for dealing with the districts of GWAELODYGARTH, PENTYRCH and CREIGIAU, in the Parish of Pentyrch.

A register of cesspools has been prepared for the whole District.

**PUBLIC CLEANSING.**

An extension of the contracts in the parishes of Lisvane, Wenvoe, and Michaelston-le-pit was effected during the year in order to include some outlying properties not previously scavenged.

**INSPECTIONS.****DISTRICT No. 1.—WM. LEWIS**

Particulars.	Inspections.	Defects and nuisances found.	Preliminary notices served.	Statutory notices served.	Remedied
Houses { Public Health Act ..	295	48	40	16	48
{ Housing Acts					
Dairies, Cowshefts & Milkshops ..	280	51	51	6	50
P.H. Meat Regulations ..	292	—	—	—	—
Bakehouses .. ..	16	4	4	—	4
Workshops and Workplaces ..	24	1	—	—	1
Schools .. ..	7	—	—	—	—
Houses Disinfected .. ..	15	—	—	—	—
Cesspits Cleaned and Inspected ..	145	10	10	—	10
Nuisances from Sanitary Accom-					
modation ..	10	8	8	—	8
"    " General Disrepair	21	6	6	—	6
"    " Defective Drains	24	—	—	—	—
"    " Dampness ..	42	12	12	—	12
"    " Animals ..	18	16	16	10	16
"    " Accumulations ..	—	—	—	—	—
Tents, Vans and Sheds ..	2	2	2	—	2
Supervising Scavenging ..	160	—	—	—	—
Rats & Mice Destruction ..	26	—	—	—	—
Inspection of Water Supplies ..	14	—	—	—	—
Public Health (Water) Act, 1878	10	—	—	—	—
Samples of Water for Analysis ..	—	—	—	—	—
"    " Milk ..	22	—	—	—	—
Petrol and Explosives Stores ..	18	—	—	—	—
Shops Acts and Employment of					
Young Persons .. ..	81	—	—	—	—
	1522	158	149	32	157



## DISTRICT No. 2.—EVAN JONES.

Particulars.	Inspections.	Defects and nuisances found.	Preliminary notices served.	Statutory notices served.	Remedied
Houses { Public Health Act ...	425	221	74	46	221
{ Housing Acts					
Dairies, Cowsheds and Milkshops	435	—	46	34	—
P.H. Meat Regulations ...	155	—	—	—	—
Bakehouses... ..	9	2	—	—	2
Workshops and Workplaces ...	36	5	5	—	5
Schools .. ..	16	—	—	—	—
Houses disinfected ...	159	—	—	—	—
Cesspits Cleansed and inspected	205	36	25	8	36
Nuisances from Sanitary Accom-					
modation ..	86	46	22	—	46
"      " General Disrepair	55	38	26	20	38
"      " Defective Drains	73	52	38	18	52
"      " Dampness ..	83	65	42	26	65
"      " Animals ..	3	1	1	—	1
"      " Accumulations ...	—	—	—	—	—
Tents, Vans and Sheds ...	17	—	—	—	—
Supervising Scavenging ...	117	—	—	—	—
Rats and Mice Destruction ...	128	—	—	—	—
Inspection of Water Supplies ...	68	—	—	—	—
Public Health (Water) Act, 1878	167	—	—	—	—
Samples of Water for Analysis ...	10	—	—	—	—
"      " Milk ..	63	—	—	—	—
Petrol and Explosives Stores ...	34	—	—	—	—
Shops Acts and Employment of					
Young Persons ... ..	273	—	—	—	—
	2617	466	279	152	466

## DISTRICT No. 3.—G. I. HALL.

Particulars.	Inspections	Defects and nuisances found	Preliminary notices served	Statutory notices served	Remedied
Houses { Public Health Act { Housing Acts	335	72	65	14	71
Dairies, Cowsheds and Milk Shops .. ..	538	43	18	2	39
P.H. Meat Regulations .. ..	82	—	—	—	—
Bakehouses .. ..	9	1	—	—	1
Workshops and Workplaces ..	28	1	—	—	1
Schools .. ..	5	—	—	—	—
Houses disinfected .. ..	53	—	—	—	—
Cesspits cleansed & inspected	296	82	—	—	82
Nuisances from Sanitary Accommodation	101	13	11	3	13
"    "    General Disrepair	53	27	27	6	26
"    "    Defective drains	81	17	13	2	17
"    "    Dampness .. ..	18	11	11	9	10
"    "    Animals .. ..	6	3	2	—	3
"    "    Accumulations ..	6	1	1	—	1
Tents, Vans and Sheds .. ..	26	4	—	—	4
Supervising Scavenging .. ..	122	—	—	—	—
Rats and Mice Destruction ..	67	—	—	—	—
Inspection of Water Supplies	49	2	—	—	1
Public Health (Water) Act, 1878	2	—	—	—	—
Samples of Water for Analysis	11	—	—	—	—
"    "    Milk .. ..	26	—	—	—	—
Petrol and Explosives Stores	33	—	—	—	—
Shops Acts and Employment of Young Persons ..	91	1	—	—	1
Totals .. ..	2038	277	148	36	269

## FACTORIES, WORKSHOPS, AND WORKPLACES.

The following inspections have been made, viz. :—

NUMBER OF				
<i>Premises</i>	<i>Inspections</i>	<i>Written Notices</i>	<i>Occupiers prosecuted</i>	
Factories ... ..	37	1	—	
Workshops ... ..	42	6	—	
Workplaces ... ..	9	—	—	
Total ... ..	68	7	—	

## DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

<i>Particulars</i>	NUMBER OF DEFECTS.			
	<i>Found</i>	<i>Remedied</i>	<i>Referred to H.M. Inspector</i>	<i>Number of offences in respect of which prosecutions were instituted</i>
<i>Nuisances under Public Health Acts :—</i>				
Want of cleanliness ... ..	7	7	—	—
Want of ventilation ... ..	—	—	—	—
Overcrowding ... ..	—	—	—	—
Want of drainage of floors ... ..	—	—	—	—
Other nuisances ... ..	—	—	—	—
Sanitary accommodation				
Insufficient ... ..	1	—	—	—
Unsuitable or defective	—	—	—	—
Not separate for sexes	—	—	—	—
Offences under the Factory and Workshop Acts ... ..	—	—	—	—
Total ... ..	8	7	—	—

## SHOPS.

In three shops new sanitary conveniences were provided, and in one case heating installed.

## RATS AND MICE DESTRUCTION ACT, 1919.

All complaints as to prevalence of rats on private premises were investigated by your Sanitary Inspectors, and practical assistance given in the use of methods for their destruction, together with the use of the Council's gassing machine when this method proved practicable.

During the National Rat Week, November 1st to the 6th, all occupiers of farms, market gardens, works, etc., were circularised, inviting their co-operation in an effort to destroy these vermin. In addition, posters were put up all over the district to induce the general public to take part in the effort.

Your Inspectors visited the various refuse tips with the gassing machine, and laid poison baits with good results.

## SCHOOLS.

Periodical inspections are made by the Sanitary Inspectors to the Schools in the area, as shown by the previous Table.

In the case of occurrence of Infectious Disease in the School, contacts are excluded in accordance with the Memorandum of Closure of and Exclusion from School.

The following Table relates to the sanitary conditions and water supply of the Schools in your area:—

### SCHOOLS IN THE AREA.

<i>Name of School.</i>	<i>Source of Water.</i>	<i>Closet accommodation.</i>
Llancarfan School ... (G.C.C.)	Washing water from roof storage tanks. Drinking water from well, the water being first filtered	Privies.
Council School, Cardiff Road, Dinas Powis	Cardiff Corporation mains supply	Water closets to sewer.
Non-provided School, Britway Road, Dinas Powis	Supply from the public mains	Trough closets drained to public sewer.
St. Nicholas Church School	Washing water from roof storage tanks. Drinking supply from Duffryn Estate mains	Pail closets.

<i>Name of School.</i>	<i>Source of Water.</i>	<i>Closet accommodation.</i>
Sully Council School ...	Supply from the Barry mains	Water closets drained to cesspool.
Wenvoe Council School	Supply from the Barry mains	Pail closets.
Rhoose Council School	Supply from the Council's mains	Water closets to main sewer.
Whitchurch (Boys), ... (Girls), (Infants),	Corporation mains	Water closets to main sewer.
Rhiwbina (Mixed) ...	Do.	Do.
Lisvane (Mixed and Infants)	Do.	Do.
Llanedeyrn do.	Do.	Pail closets.
Rudry do. ...	Public mains supply	Do.
Tongwynlais (Mixed)	Do.	Water closets connected to sewer.
Do. (Infants)	Do.	Trough closets connected to sewer.
Gwaelodygarth (Mixed and Infants)	Do.	Pail closets.
Pentyrch (Mixed and Infants)	Do.	Pail closets. Slopwater, cesspit.
Peterston (Mixed and Infants)	Tanks for washing purposes. Village pump for drinking water	Pail closets.
St. Fagans (Mixed and Infants)	Mains supply	Trough closets to cesspool.
Pendoylan (Mixed and Infants)	Tanks for washing purposes. Pump from well for drinking water	Hand-flushed water closets to cesspool.
St. Georges (Mixed and Infants)	Tanks for washing and drinking	Earth closets.

## HOUSING.

Since the coming into operation of the Housing Acts, the officers of your Authority have caused an inspection of your District to be made, with a view to ascertaining what houses were unfit for human habitation.

In some areas numbers of houses which, by reason of disrepair, sanitary defects, or bad arrangement, were dealt with as Clearance Areas; that is to say, by demolition of all the buildings in the area, and by the provision of new houses for the persons who were displaced.

With regard to individual unfit houses, your District, unlike many rural areas, still contains a large number of cottages with thatched roofs, and it has been the desire, as far as possible, to maintain these picturesque dwellings, but at the same time to improve them to conform with modern standards. The chief difficulty that had to be overcome was to improve light and ventilation, and this in many instances was particularly bad in the rooms used as bedrooms.

It was found possible to do this in many houses by considerations of the conditions in each individual case; for instance, some houses had the roof removed, the walls were raised and a new roof fixed at a higher level, at the same time providing larger windows.

In other houses where it was not considered necessary to raise the roof, increased light and ventilation was provided by fitting dormer windows, and arching the thatch up over the window. This had the effect of enhancing the beauty of these houses and at the same time improving them as regards sanitary defects.

Yet again, some houses that had several rooms on the ground floor, and with poor rooms in the first floor, were converted into bungalows, and the upstairs rooms were able to be dispensed with as sleeping quarters. In a large number of the houses rising dampness occurred in the walls, caused by the absence of damp-proof courses; this was a troublesome feature. On account of the structure of the walls it was impossible to consider putting in damp-proof courses, and consequently the next best thing was done—which was to remove the earth away from the walls to below floor level, and this necessitated in many cases removing several feet of earth on several sides of the house; a concrete dry area, eighteen inches wide and sloped away from the walls, was then formed all around, combined with a fillet to the walls. The walls externally, where necessary, were cemented and pointed, and at the same time the internal walls were treated with damp resisting material.

Rising dampness through faulty ground floors has been treated in a variety of ways.



A further difficulty presented itself with these houses, as a feature which was common to most was the spiral stairways situated in one of the corners of the house, and this made inter-communicating bedrooms unavoidable. Inter-communicating bedrooms are an undesirable feature, and wherever possible, a new staircase was provided, giving separate access to the bedrooms; but naturally, in some of the properties this has been impossible to obtain.

In the more remote parts of your area, if many of these houses had been demolished, the cost of building new and isolated ones would have been prohibitive.

It has been very gratifying to find how, in the vast majority of cases, the owners have been only too ready to co-operate with your officers in carrying out the Schedule of Works which it was considered necessary to render the houses fit for human habitation.

A good deal still remains to be done before it can be stated that all the houses in your area have attained to a standard which is expected in these more enlightened days.

The following is a summary of the works carried out as a result of your activities under the Housing Acts:—

## HOUSING ACTS.

### PROGRESS OF SLUM CLEARANCE PROGRAMME

TO THE 31st DECEMBER, 1937.

<i>Parish.</i>	<i>Property.</i>	<i>Progress.</i>
Bonvilston	... Church Cottage	... Reconditioned.
	Sheepcourt Cottage	... "
	Aubrey Cottage	... "
	Tygroes Cottage	... "
Lavernock	... Cosmeston Cottage	... Reconditioned.
Leckwith	... Gower Cottage (Coles)	... Awaiting Owner's pro-
	Gower Cottage (Badham)	... " (posals.
	Church Cottage	... Demolition Order made
Lisvane	... Heol Hir Cottage	... Referred for demolition
	Rose Cottage, Thornhill	... Reconditioned.
	1, 2 and 3, Capel Gwilym Cottages	... Deferred to September, 1938.
	Primrose Cottage, Caerphilly Road	... Undertaking to recon-
		dition accepted.
	Court Cottage	... "
	Ty Graig Cottage	... Closed for human habi-
		tation.



<i>Parish.</i>	<i>Property.</i>	<i>Progress.</i>
Llancarfan	... Primrose Cottage, Llanbethery	... Referred for demolition
	Llancadle Cottage, Llancadle	... " "
	Farm Cottage, Llancadle	... " "
	Rose Cottage, Llancadle	... Undertaking to recondition accepted.
	Abernant Farmhouse	... " "
	Ty Uchaf Cottage, Llancarfan	... " "
	Friars Cottage, Moulton	... Reconditioned.
	Ty Uchaf Farmhouse, Moulton	... " "
	Penon Cottage	... Vacant: awaiting demolition.
	Rose Cottage, Llancarfan	... Demolished.
	Old Post Office, Llancarfan	... Works in progress.
	Post Office, Llancarfan	... Deferred <i>sine die</i> .
	Woodbine Cottage, Llancadle	... Awaiting Owner's proposals.
Llanedeyrn	... Cefn Porth Cottage	... Undertaking not to let until reconditioned
	Maesybryn Cottage	... Closed for human habitation.
	Waunrhuddi Cottage	... " "
	Hollybush Farm Cottage	... " "
	Malthouse Cottages (2)	... Referred for demolition
	School Cottage	... Reconditioned.
Llanillterne	... Dwrllyn Cottage	... Reconditioned.
Llantrithyd	... Treaubrey Cottage	... Reconditioned.
	Detached Cottage, Treaubrey Road	... Works not commenced owing to ill-health of occupier.
	South Cottage	... Demolished.
	Brook Cottage	... Works in progress.
	Docks Cottage	... " "
	Rose Cottage	... " "
Llanfedw	... Cefn Mably Cottages (2)	... Referred for demolition
	Tydraw Cottages (2)	... " "
	Pennsylvania Cottages (2)	... " "
Michaelston-le-pit	Church Cottage	Referred for demolition
	Black Hut, Old Wenvoe Road	... " "
	1-13, Brooklands Terrace	... Reconditioned.
	Cwrt-yr-ala Lodge	... " "
Pendoylan	... Brynteg Cottage, Tredodridge (Farrant)	... Awaiting proposals of owner.
Penmark	... Church Cottages (2)	... Reconditioned.
	Cottage, Well Road, Aberthaw	... " "
	Cottage next to Post Office, Penmark	... " "
	Woodside, Fonmon	... " "
	Kenson Cottage	... " "
	The Cottage, Penmark	... " "
	Sufton Cottages (2)	... Referred for demolition
	Cottage rear of School, Penmark	... " "
	1, 2 and 3, Cwm Cottages	... Works in progress.
	Cottage, Fonmon	... Undertaking to recondition accepted.
	Cottage, Fonmon (Hickey)	... Deferred <i>sine die</i> .
	Court Cottage, Fontigary	... Closed pending reconditioning.



<i>Parish.</i>	<i>Property.</i>	<i>Progress.</i>
Rhydygwern	... Twyn Swch Cottages (2) Coed Cefn Cottage  Ffynon Cottage, Draethen  Woodland Cottage	... Referred for demolition ... Closed for human habitation. ... Undertaking not to relet after expiration of existing tenancy ... Reconditioned.
Rudry	... Yew Tree Cottage Berllan Gollan Cottage Pantscawen Cottage Twyn Swich Cottages (2) Ffald Gerrig Cottage  1, Chapel Road Cottages 2, Chapel Road Cottages Cottage near Maenllwyd Inn	... Reconditioned. ... " ... " ... " ... Closed for human habitation. ... Works in progress. ... Referred for demolition ... Undertaking to recondition accepted.
St. Andrews	... Detached Cottage, Mill Hill Old Downs Cottage, Sully Road 1-6, Matthews Terrace, Eastbrook	... Reconditioned. ... " ... Awaiting classification.
St. Brides	... Chapel Cottage Ty Coch Cottage Pentwyn Cottage	... Referred for demolition ... " ... Reconditioned.
St. Fagans	... Church Cottage Pendown Cottage	... Referred for demolition ... Undertaking to recondition accepted. Since destroyed by fire.
St. Georges	... Drope Cottage, The Drope Drope Farm Cottages Ty Ffynon Cottages (2) Upper Vord Cottage Semi-detached Cottage, St. Lythans Down (Ellward) Semi-detached Cottage, St. Lythans Down (Lang) Detached Cottage, St. Lythans Down (Tansell) Detached Cottage, St. Lythans Down (Howard) Vord Cottage	... Reconditioned. ... " ... " ... " ... " ... " ... " ... " ... Referred for demolition ... Works in progress. ... Demolished.
St. Lythans	... Trehwbwb Cottages (2)	... Awaiting owner's proposals.
St. Nicholas	... Trehill Cottage Hazel Cottage, Dyffryn	... Reconditioned. ... "
Sully	... Nissels Cottages (3) Briarside, Cog Road Middleton, Cog Road Brook Cottages (2) Wood Cottage, South Road	... Reconditioned. ... " ... " ... " ... Awaiting owner's proposals.
Van	... Cwrt-y-Ceiniog Cottage  Van Cottage, Van Road	... Closed for human habitation. ... Reconditioned.

<i>Parish.</i>	<i>Property.</i>	<i>Progress.</i>
Welsh St. Donatts	Croes-y-Ceiliog Cottage	... Reconditioned.
	Cross Cottage	... "
	Rose Cottage	... "
	Penffordd Fawr	... "
	Corner House, Heolymarch	... Referred for demolition
Wenvoe	... Greaves Cottages (2)	... Referred for demolition
	Greenwoods Cottages (2)	... " "
	Yackla Cottages (2)	... " "
	No. 2, Greaves Cottages	... Closed for human habitation.
	Semi-detached Cottage, Walston	... Reconditioned.
	Walston Cottages (6)	... "
	2 Semi-detached Cottages, Twynyrodin	... "
Whitchurch	Cottage Row (3)	... "
	... New Houses, Melingriffith (15)	} Clearance Orders made. Tenants rehoused.
	Penylan Cottages (7)	
	Sunnybank Cottages (7)	
	Ironbridge Road, Tongwynlais (14)	} Reconditioned.
	Caerwal Cottage, Tongwynlais	
	5 and 8, Railway Terr., Tongwynlais	... "
	5 and 5a, Merthyr Rd., Tongwynlais	... "
	14a and 14b, Merthyr Rd., Tongwynlais	... "
	16a and 16b, Merthyr Rd., Tongwynlais	... "
	12, Wyndham Street, Tongwynlais	... "
	38 and 40 Queen Street, Tongwynlais	... "
	Castle Coch Cottages (2)	... "
	36 and 38, College Road	... "
	Graig Goch Cottages, Rhiwbina (2)	... "
	Heoldon Cottages (2)	... "
	15 and 17, Beulah Road, Whitchurch	... "
	Bwlch-y-Cwm Cottage, Tongwynlais	Closed for human habitation.
	Houses rear of 27 and 29, Merthyr Road, Whitchurch	... " "
	Dwelling rear of 73a, Merthyr Road, Whitchurch	... Undertaking to close for human habitation after June, 1938.
	1, 2 and 3, Ironbridge Cottages	... Referred for demolition
	Lock Forest Cottage	... " "
	Lock Ganol Cottage	... " "
	Yew Tree Cottages, Rhiwbina Hill (2)	... " "
	3-23, Mill Road, Tongwynlais	... " "
	36, Queen Street, Tongwynlais	... " "
	20, Mill Road, Tongwynlais	... " "
	Pwll Helig Cottages (2)	... " "
	Forest Farm Cottages (2)	... Demolished. Tenants rehoused.
	Hollybush Cottage, Pendywyallt Hill	Demolished.
	Lock House Cottage, Tongwynlais	... "
	2, 4 and 6, Tynyparc Rd., Whitchurch	... "
	Cwm Nofydd Cottages (2)	... Works in progress.
	47 and 47a, Ironbridge Road	... " "
	Tonybwllch Cottage, Rhiwbina Hill	... Undertaking to recondition accepted.
	34, Queen Street, Tongwynlais	... " "
	45, Ironbridge Road, Tongwynlais	... Owner's proposals awaited.
	4-18, Wyndham Terr., Tongwynlais	... " "
	No. 20, Wyndham Terr., Tongwynlais	... " "

## SUMMARY.

	<i>Houses dealt with in Clearance Areas.</i>	<i>Houses dealt with as individual unfit houses under appro- priate provisions of Housing Acts, 1930 and 1936.</i>	<i>Total.</i>
<hr/>			
Number of houses included in the total programme—			
(1) which have been demolished ...	43	25	68
(2) which have been made fit ...	—	159	159
(3) which have been put out of use for human habitation and are not to be demolished ...	—	12	12
(4) which are not accounted for in items (1) to (3), but in respect of which no further action is necessary ...	1	—	1
<hr/>			
(5) Totals of Items (1) to (4) ...	44	196	240
(6) In respect of which action is necessary but was not completed by the 31st December, 1937 ...	—	—	192
		Total ...	432
			<hr/>

Occupiers of houses which were displaced as a result of demolition of unfit houses in the Parish of Pentyrch, have been accommodated at 12 houses, Bronllwyn, Pentyrch, and from the four Clearance Areas in the Parish of Whitchurch, comprising in all 43 houses, accommodation has been provided at a new housing scheme at the rear of Velindre Road, Whitchurch.

## 1. Inspection of Dwelling-houses during the Year:—

- |  |       |
|--|-------|
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...  | 479   |
| (b) Number of inspections made for the purpose ...   | 1,055 |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ...         | 98    |
| (b) Number of inspections made for the purpose ...   | 174   |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...                                     | 81    |
| (4) Number of dwelling-houses (exclusive) of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... | 103   |

## 2. Remedy of Defects during the Year without Service of Formal Notices:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	16
---	----

## 3 Action under Statutory Powers during the Year:—

## (a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:—

(i) Number of dwelling-houses in respect of which notices were served requiring repairs	...	...	...	5
(ii) Number of dwelling houses which were rendered fit after service of formal notices—				
(a) By Owners	...	...	...	*14
(b) By Local Authority in default of Owners	...			nil

\* In respect of 10 of which notices were served in previous years.

## (b) Proceedings under Public Health Acts—

(i) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...			73
(ii) Number of dwelling-houses in which defects were remedied after service of formal notices—				
(a) By Owners	...	...	...	70
(b) By Local Authority in default of Owners	...			nil

## (c) Proceedings under section 11 and 13 of the Housing Act, 1936:—

(i) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	...	19
(ii) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	†2

† In respect of both of which Demolition Orders were made in previous years.

## (d) Proceedings under section 12 of the Housing Act, 1936:—

(i) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...			nil
(ii) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement of room having been rendered unfit	...			nil

## 4. Housing Act, 1936 (Part IV.)—Overcrowding—

(a) (1) Number of dwellings overcrowded at the end of the year	...			94
(2) Number of families dwelling therein	...	...	...	95
(3) Number of persons dwelling therein	...	...	...	576
(i) Number of new cases of overcrowding reported during the year	...	...	...	5
(c) (1) Number of cases of overcrowding relieved during the year	...			20
(2) Number of persons concerned in such cases	...	...	...	118½
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...			nil



## PRIVATE STREET IMPROVEMENT WORKS.

The following Private Street Works have been completed under the Private Street Works Act, 1892, during the year:—

### PARISH OF WHITCHURCH—

Westbourne Road (part of).	Lansdowne Avenue.
Elmgrove Road.	Homelands Road and Cul-de-sac.
Woodland Road (part of).	
Tywern Avenue.	PARISH OF RADYR.
Porthamel Road (part of).	Station Road Lane.
Grafton Terrace (part of).	Windsor Avenue (part of).

### HOUSES COMPLETED IN DISTRICT BY PRIVATE ENTERPRISE. Year Ending 31st December, 1937.

LISVANE ... ..	7	ST. GEORGES ... ..	4
LLANEDEYRN ... ..	8	SULLY ... ..	3
PENMARK ... ..	5	WELSH ST. DONATTS ... ..	1
PENTYRCH ... ..	4	WENVOE ... ..	4
PETERSTON-SUPER-ELY ... ..	2	WHITCHURCH ... ..	203
RADYR ... ..	8		
RUDRY ... ..	1	Total ... ..	253
ST. ANDREWS ... ..	3		

### INSPECTION AND SUPERVISION OF FOOD. MILK SUPPLY.

The milk supply in your district is satisfactory, and it is gratifying to note that there are the highest number of Accredited milk producers in your area than in any other area of Glamorgan. This does not mean that all is well with the milk production, as there are still a number of premises and methods of milk production which are required to be improved.

Milk has been very largely encouraged during the last few years, as a means of improving the nutrition of the nation, but we must see that if this consumption is to be increased, that we should be quite satisfied that we are able to recommend a safe supply.

Milk analyses carried out during the year were:—

<i>From</i>	<i>T.T. Producers</i>	<i>T.T. Bottling Establish- ments.</i>	<i>Accredited Bottling Establish- ments.</i>	<i>Non-graded Milks.</i>
	57	47	2	5
of which the following proved unsatisfactory ...	11	13	—	2

Total samples taken—111. Number unsatisfactory—26.

In the cases shewing unsatisfactory results, the producer was informed, and then was followed up by a visit from the Sanitary Inspector for the district.



In addition to the above, ten samples were taken by the County Police of non-graded milk, one of which proved unsatisfactory.

The Glamorgan County Council take samples of all Accredited Milk produced within the area. Of the 387 samples taken from producers within the area of the Council, 58 proved unsatisfactory.

### MILK AND DAIRIES ORDER, 1926.

The following improvements have been carried out to Cowsheds and Dairies during the past twelve months:—

#### No. 1 District.

Llanwenson Fawr, Peterston-s-Ely: new dairy premises.  
 Duffryn Mawr Farm, Pendoylan: new floors and channel to cowshed.  
 Warren Mill Farm, Pendoylan: new cowshed.  
 Great House Farm, Pendoylan: new cowshed.  
 Llwynyrheos Farm, St. Fagans: improved lighting to cowshed.  
 Caercady Farm, Welsh St. Donatts: improved water supply.  
 Mayfield Dairy, Radyr: new dairy premises.

#### No. 2 District.

Coedygoras Farm, Llanedeyrn: improved water supply.  
 Cyncoed Farm, Llanedeyrn: new cowshed and dairy premises.  
 Glanynant Farm, Llanedeyrn: new extension to cowshed.  
 New Forge, Llanedeyrn: new dairy premises.  
 Tynygwern Farm, Llanedeyrn: new dairy premises and water supply.  
 Wenallt Nurseries, Rhiwbina: new dairy premises.  
 20, Tywern Avenue, Rhiwbina: new dairy premises.  
 Llwynygrant Farm, Llanedeyrn: new floors, channels, lighting and drainage to old cowshed.  
 Brynhill Farm, Lisvane: improved water supply.  
 Tir Jenkins Farm, Rudry: new dairy premises and drainage: improvement to yard.  
 Penywaun Farm, Rudry: new cowshed, drainage and improved water supply.  
 The Farm, Llanedeyrn: new cowshed, reconstruction of old cowshed, improved drainage and water supply.  
 Ty Isaf Farm, Tongwynlais: new ram and pipe line to water supply.  
 Briwnant Farm, Whitchurch: reconstruction of old cowshed.  
 Tyllwyd Farm, Lisvane: improvements to yard.  
 Bryngoleu Farm, Llanedeyrn: improvements to water supply.

#### No. 3 District.

Tre Aubry, Llantrithyd: improved drainage to cowshed.  
 Yniston Farm, Leckwith: new floors, drainage, stalls, mangers and improved lighting to cowsheds.  
 Vishwell Farm, Wenvoe: conversion of barn into additional cowshed: new floors, drainage, stalls, etc.

Burdonshill Farm, Wenvoe: new floors, drainage, stalls and improved lighting to cowshed.  
 White House Farm, Porthkerry: new dairy premises.  
 Typica Farm, Wenvoe: increased cowshed accommodation.  
 Model Farm, Porthkerry: improved floors to cowshed.  
 Sutton Farm, Llancarfan: yard surfaced.  
 Court Farm, Bonvilston: concrete apron to cowshed and improved yard drainage.  
 Broadway Farm, St. Nicholas: new dairy premises.  
 Garnhill Farm, St. Andrews: increased cowshed accommodation: new floors, drainage, improved lighting, etc.  
 Swanbridge Farm, Lavernock: improved lighting to cowshed.

## PUBLIC HEALTH MEAT REGULATIONS, 1924.

### CARCASES INSPECTED AND CONDEMNED.

	<i>Cattle, excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs.</i>	<i>Pigs</i>
Number killed (if known) ... ..	15	—	54	1696	223
Number inspected ... ..	15	—	54	1696	223
All diseases except Tuberculosis—					
Whole carcasses condemned ... ..	—	—	—	10	1
Carcases of which some part or organ was condemned ... ..	2	—	—	25	—
Percentage of the number inspected affected with disease other than Tuberculosis ... ..	13%	—	—	2%	0.4%
Tuberculosis only—					
Whole carcasses condemned ... ..	—	—	—	—	—
Carcases of which some part or organ was condemned ... ..	—	—	—	—	4
Percentage of the number inspected affected with Tuberculosis ... ..	—	—	—	—	2.6%

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

During the year the number of infectious diseases that have been notified were 174, as against 103 for 1936. The increase in number was caused chiefly by a greater incidence of Scarlet Fever—99 as against 27 in 1936.

The number of Diphtheria cases was six more than that of the previous year.

In the early part of the year a number of cases of Diphtheria was notified from the Rhiwbina area, and a visit was paid to the School, and all the children were examined. One child was discovered who had nasal Diphtheria; she was removed to hospital, and as a result the number of notifications ceased.

In view of this small outbreak, a number of parents desired to have their children immunized. Approval was sought for immunization to be extended to children attending the infant departments of the schools, but as far as possible parents are urged to have their children protected in the pre-school years.

The following are the figures for children who have been immunized during the year:—

Children under School age: 48

Children of School age: 166

In all, 475 injections were carried out.

Practitioners in the area have been advised that the Hospital is prepared to take in complicated cases of Measles and Whooping Cough.

**Hospital.**—It is proposed to put forward a scheme for the alteration of two small wards of two beds each for their conversion into four cubicles, so as to overcome difficulties of isolation.

### ALTERATIONS AT HOSPITAL.

The space available for storage of coal at the Isolation Hospital was inadequate, and so a new coal-house, communicating with the old one, was built.

The lighting system at the Hospital was by means of gas, and it was decided that the time had arrived when the Hospital should be modernised, and as a result the work was put in hand for the electrification of the whole of the Hospital buildings, including the domestic side.

This work has not been completed yet, on account of the pressure of work at the Hospital not permitting the electricians to proceed.



TABLE VIII.

INCIDENCE OF INFECTIOUS DISEASE IN THE  
VARIOUS PARISHES.

Parish.	Diphtheria	Scarlet Fever	Erysipelas	Pneumonia	Puerperal Fever	Typhoid	Sonne Dysentery
Bonvilston ...	—	1	—	1	—	—	—
Lavernock ...	—	—	—	—	—	—	—
Leckwith ...	—	—	—	1	—	—	—
Lisvane ...	—	—	—	2	—	—	—
Llancarfan ...	—	—	—	—	—	—	—
Llanedeyrn ...	—	1	—	—	—	—	—
Llanilterne ...	—	—	1	—	—	—	—
Llanfedw ...	—	—	—	—	—	—	—
Llanvithyn ...	—	—	—	—	—	—	—
Llantrithyd ...	—	—	—	—	—	—	—
Michaelston-le-pit ...	—	—	—	—	—	—	—
Pendoylan ...	1	1	—	—	—	—	—
Penmark ...	—	—	—	—	—	—	—
Pentyrch... ...	10	18	2	1	1	—	—
Peterston-super-Ely ...	—	—	—	—	—	—	—
Porthkerry ...	2	1	—	—	—	—	—
Radyr ...	—	5	—	—	—	—	—
Rhydygwern ...	1	—	—	—	—	—	—
Rudry ...	—	1	—	—	—	—	—
St. Andrews ...	9	2	—	1	—	—	—
St. Brides-super-Ely ...	—	—	—	—	—	—	—
St. Fagans ...	—	—	—	—	—	—	—
St. Georges-super-Ely ...	—	2	—	—	—	—	—
St. Lythans ...	—	—	—	—	—	—	—
St. Nicholas ...	—	1	—	—	—	—	—
Sully ...	—	—	—	—	—	—	—
Van ...	—	—	—	—	—	—	—
Welsh St. Donatts ...	—	—	—	—	—	—	—
Wenvoe ...	—	2	—	—	—	—	—
Whitchurch ...	26	64	7	5	2	—	2
Totals ...	49	99	10	11	3	—	2

TABLE IX.

## TUBERCULOSIS.

*New Cases and Mortality during 1937.*

Age Periods.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	—	2	2	—	—	—	—
15	1	6	2	3	1	2	1	—
25	8	7	2	1	6	1	—	—
35	6	3	—	—	1	1	—	—
45	4	1	—	—	1	—	—	—
55	3	1	—	—	1	—	—	—
65 and upwards	2	—	—	—	—	—	—	—
Totals	24	18	6	6	10	4	1	—

The year has been one of promise rather than achievement, as various schemes have been put forward, but have not actually been put into operation.

In conclusion, I wish to thank the members of the Council, the staff of the Health Department, and the Chief Officials of the various Departments, for their valued assistance and kind co-operation.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

G. McKIM THOMAS,

*Medical Officer of Health.*

31st MAY, 1938.





